United States Patent [19] Yang			[11] [45]	Patent Number: Date of Patent:	4,832,975 May 23, 1989
[54]	IMPROV:	ED TRIGLYCERIDES HAVING ED AUTOIGNITION TERISTICS	OTHER PUBLICATIONS Mok, et al., "Structured Medium-Chain and Long		
[75]	Inventor:	David K. Yang, Cincinnati, Ohio	Chain Triglyceride Emulsions are Superior to Physical Mixtures in Sparing Body Protein in the Burned Rat", Metabolism, vol. 33, (Oct. 1984), pp. 910–15.		
[73]	Assignee:	The Procter & Gamble Company,			

[21] Appl. No.: 102,071

[22] Filed: Sep. 29, 1987

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[56] References Cited

U.S. PATENT DOCUMENTS

2,874,056	2/1959	Drew 260/410.7 X
3,450,819	6/1969	Babayan et al 514/557
4,528,197	7/1985	Blackburn 514/552
4,607,052	8/1986	Mendy et al 514/547

FOREIGN PATENT DOCUMENTS

216419 4/1987 European Pat. Off. .

Mok, et al., "Structured Medium-Chain and Long-Chain Triglyceride Emulsions are Superior to Physical Mixtures in Sparing Body Protein in the Burned Rat", *Metabolism*, vol. 33, (Oct. 1984), pp. 910-15. Maiz et al., "Protein Metabolism During Total Parenteral Nutrition (TPN) in Injured Rats Using Medium-Chain Triglycerides", *Metabolism*, vol. 33, (Oct. 1984) pp. 901-909.

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[57] ABSTRACT

Reduced calorie edible fats and oils comprising triglycerides synthesized (tailored) with a particular combination of saturated medium chain fatty acids, saturated long chain fatty acids, and unsaturated long chain fatty acids are disclosed. In addition to providing caloric reduction, these tailored triglycerides also have acceptable autoignition characteristics making them suitable for use in shortenings and cooking oils.

18 Claims, No Drawings